

*FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK (REV 11-2000)		ATTORNEY'S DOCKET NUMBER <b>514862000100</b>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371			
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED
PCT/SE00/00514	16 March 2000 (16-03-00)		19 March 1999 (19/03/99)
TITLE OF INVENTION <b>USE OF FUCOSYLATED SIALYLATED N-ACETYL LACTOSAMINE CARBOHYDRATE STRUCTURES FOR INHIBITION OF BACTERIAL ADHERENCE</b>			
APPLICANT(S) FOR DO/EO/US <b>BOREN, Thomas; KARLSSON, Karl-Anders; HAMMARSTRÖM, Lennart and TENEBERG, Susann</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <b>(PUBLISHED Int'l Application)</b></p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>(NOT SIGNED)</b></p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
<p><b>Items 11. to 16. below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <b>Form 1449 with Int'l Search Report and cited references.</b></p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> <b>A FIRST preliminary amendment.</b></p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <b>return receipt postcard.</b></p>			

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Express Mail Label No.: EL 903 973 977 US

Date of Deposit: September 19, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: **Assistant Commissioner for Patents, BOX PCT, Washington, D.C. 20231.**

**EL 903 973 977 US****CHASE J. TROMBELLA**

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>09/937110</b>		INTERNATIONAL APPLICATION NO. TO BE ASSIGNED	ATTORNEY'S DOCKET NUMBER: 514862000100																									
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1,000.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provision of PCT Article 33(1)-(4) .....\$690.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00</p>																												
<b>ENTER APPROPRIATE BASIC FEE AMOUNT = \$1,000</b>																												
<p><input checked="" type="checkbox"/> Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <b>\$ -0-</b></p>																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;"><input checked="" type="checkbox"/> CLAIMS</th> <th style="text-align: left; padding: 2px;">NUMBER FILED</th> <th style="text-align: left; padding: 2px;">NUMBER EXTRA</th> <th style="text-align: left; padding: 2px;">RATE</th> <th style="text-align: left; padding: 2px;">\$</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> Total claims</td> <td style="padding: 2px;"><b>12 - 20 =</b></td> <td style="padding: 2px;"><b>-0-</b></td> <td style="padding: 2px;">x \$18.00</td> <td style="padding: 2px;"><b>\$ -0-</b></td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> Independent claims</td> <td style="padding: 2px;"><b>2 - 3 =</b></td> <td style="padding: 2px;"><b>-0-</b></td> <td style="padding: 2px;">x \$80.00</td> <td style="padding: 2px;"><b>\$ -0-</b></td> </tr> <tr> <td colspan="3" style="padding: 2px;"><b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b></td> <td style="padding: 2px;">+ \$270.00</td> <td style="padding: 2px;"><b>\$ -0-</b></td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;"><b>TOTAL OF ABOVE CALCULATIONS = \$1,000</b></td> <td style="padding: 2px;"></td> </tr> </tbody> </table>				<input checked="" type="checkbox"/> CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	<input checked="" type="checkbox"/> Total claims	<b>12 - 20 =</b>	<b>-0-</b>	x \$18.00	<b>\$ -0-</b>	<input checked="" type="checkbox"/> Independent claims	<b>2 - 3 =</b>	<b>-0-</b>	x \$80.00	<b>\$ -0-</b>	<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>			+ \$270.00	<b>\$ -0-</b>	<b>TOTAL OF ABOVE CALCULATIONS = \$1,000</b>				
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<p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by <math>\frac{1}{2}</math>. <b>\$500.00</b></p>																												
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<p><input checked="" type="checkbox"/> Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). <b>+ \$ -0-</b></p>																												
<b>TOTAL NATIONAL FEE = \$500.00</b>																												
<p><input checked="" type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00 per property</b> <b>+ \$ -0-</b></p>																												
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: right; padding: 2px;">Amount to be refunded:</td> <td style="width: 30%; text-align: right; padding: 2px;"><b>\$ -0-</b></td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 2px;">charged: <b>\$500.00</b></td> </tr> </table>				Amount to be refunded:	<b>\$ -0-</b>	charged: <b>\$500.00</b>																						
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<p>a. <input type="checkbox"/> A check in the amount of \$* to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my <b>Deposit Account No. 03-1952</b> in the amount of <b>\$500.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to <b>Deposit Account No. 03-1952</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																												
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																												
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Michael R. Ward Morrison &amp; Foerster LLP 425 Market Street San Francisco, California 94105-2482</p>																												
<p><i>Michael R. Ward</i> SIGNATURE</p> <p>Michael R. Ward Registration No. (38,651)</p>																												